Philips
LCD TV with Ambilight Spectra 2 and Pixel Precise HD

47"

Full HD 1080p digital TV

47PFL8404H

Enjoy a movie night in

with Ambilight

Treat yourself to a movie night in. Enjoy the pleasure of the movies in your living room with Pixel Precise HD and the immersive power of Ambilight.

Immersive viewing experience
- Ambilight Spectra 2 enhances the viewing experience

See precise details in action
- Pixel Precise HD for extremely sharp and clear pictures
- Full HD LCD display, with a 1920x1080p resolution
- 100Hz LCD, 3ms performance for superb motion sharpness

Exciting and powerful sound
- 2x10W with Incredible Surround

Connect and enjoy the online world
- Net TV for popular online services on your TV
- Enjoy YouTube and selected national TV programs on demand
- DLNA PC network link for watching videos from your computer

Ready for digital
- Integrated Digital DVB-C/T Tuner for digital cable reception

PHILIPS

sense and simplicity

Preliminary

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Product highlights

Ambilight Spectra 2
Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight adjusts automatically the colour and brightness of the light surrounding the TV to match with the picture, creating an immersive viewing experience. With Ambilight Spectra 2 movies truly come to life!

Pixel Precise HD
Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings PQ to the next level with 4 trillion colours with HD Natural Motion making all your movies fluently moving and razor sharp. Thanks to Pixel Precise 100Hz LCD, you are buying the fastest LCD TV's in the category with 3ms response time delivering extreme motion sharpness for all your movies and sports.

100Hz LCD (3ms)

100Hz LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

Full HD LCD display 1920x1080p
The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

2x10W with Incredible Surround
An invisible sound system that blends perfectly with the design of the cabinet. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

Net TV

Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Simply connect your TV directly to your home network through the ethernet connection, and navigate and select what you want to watch with the TV remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA certified PC network you can watch videos or access pictures stored on your computer using your TV remote control.

YouTube and national TV
placeholder

DLNA PC network link for video
DLNA PC network link lets you watch videos, view pictures and listen to music from your PC

Integrated DVB-C/T Tuner
Integrated Digital DVB-C/T Tuner for digital cable and terrestrial reception

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Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 80000:1
- Response time (typical): 3 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 47 inch / 119 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel precise HD, 100Hz LCD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive Scan, 2D/3D noise reduction, HD Natural Motion
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 4 trillion colors (14bit RGB)

Ambilight

- Ambilight Features: Ambilight Spectra 2, Lounge light mode
- Ambilight light system: LED wide color
- Dimming Function: Manual and via Light Sensor

Supported Display Resolution

- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1360 x 768	60Hz
1280 x 1024	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 25, 30, 50, 60Hz

Sound

- Output power (RMS): 2 x 10W
- Sound Enhancement: Incredible Surround, Treble and Bass Control
- Sound System: Nicam Stereo

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Program List, Settings assistant Wizard, Favorite program selection, One-stop Home button
- Electronic Program Guide: Now + Next EPG, 8 day Electronic Program Guide
- Remote Control: TV
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1000 page Smart Text
- Teletext enhancements: 4 favourite pages
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: DLNA media Browser, Internet browser, Net TV services, USB media browser
- Smart mode: Personal, Vivid, Standard, Movie, Game, Energy saving

Multimedia Applications

- Multimedia connections: USB, Ethernet-UTP5
- Playback Formats: JPEG Still pictures, PNG still pictures, GIF still pictures, MP3, LPCM, MPEG1, MPEG2, WMV9/VC1, H.264/MPEG-4 AVC

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext 1 Scart: Audio L/R, RGB, CVBS in
- Ext 2 Scart: Audio L/R, RGB, CVBS in
- Ext 3: YPbPr, Audio L/R in
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- Other connections: Analog audio Left/Right out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface
- EasyLink (HDMI-CEC): One touch play, One touch record, Remote control pass-through, System audio control, System standby
- PC network link: DLNA certified

Power

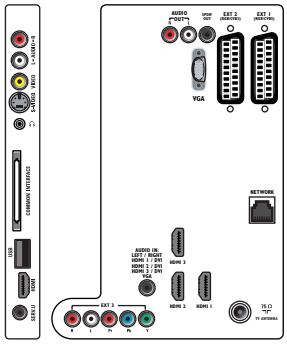
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220 - 240V, 50/60Hz
- Power consumption: 206 W
- Standby power consumption: 0.15 W

Dimensions

- Set dimensions (W x H x D): 1106 x 666 x 92 mm
- Set dimensions with stand (W x H x D): 1106 x 717 x 309 mm
- Weight incl. Packaging: 28.6 kg
- Product weight: 20.2 kg
- Product weight (+stand): 24.5 kg
- Box dimensions (W x H x D): 1349 x 746 x 266 mm
- Color cabinet: High gloss black deco front with black cabinet
- VESA wall mount compatible: 400 x 400 mm

Accessories

- Included Accessories: Tabletop swivel stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control



Issue date 2009-02-06
Owner: Eunice Liang Junming

Version: 0.4.3

12 NC: 8670 000 51496
EAN: 87 12581 47679 3

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